

**STATE OF ILLINOIS  
DEPARTEMENT OF TRANSPORTION  
DIVISION OF HIGHWAYS  
LOCAL ROADS AND STREETS**

**BITUMINOUS PATCHING MIXTURES  
FOR MAINTENANCE USE**

Effective: January 1, 2004

This special provision covers course graded and fine graded bituminous mixtures for use in maintaining small areas on flexible and rigid type pavement.

**Materials.** The materials, control, quality, sampling, testing, inspection and storage of material shall conform to the specific requirements of the Standard Specifications for Road and Bridge Construction adopted by the Department of Transportation.

**Bituminous Patching Mixtures.** The material supplier or contractor may furnish any of the following Bituminous Patching Mixtures listed in the individual Group for which the award was made.

**Group I – Bituminous Patching Mixtures**

Serial No. M-17-02: Bituminous Mixture for Maintenance Use, Emulsified Asphalt Type

Serial No. M-19-02: Bituminous Mixture for Maintenance Use, Liquid Asphalt Type

Serial No. M-20-02 Bituminous-Sand Mixture for Maintenance Use

Serial No. M-48-02: Bituminous Premix for Maintenance Use, Inverted Emulsified Asphalt CBAE-2

Serial No. M-126-95: Bituminous Mixes for Maintenance Use, Reinforced Fiber Mixture

Bituminous Patching Mixture (Class B): This mixture shall conform to the material requirements of Section 405 of the Standard Specifications. The bituminous material shall be limited to asphalt PG 58-28 or PG 52-28. The aggregate should be limited to a CA 16 graduation.

Bituminous Patching Mixture (Superpave): This mixture shall conform to the material requirements of the special provision Superpave Bituminous Concrete Mixture for Bituminous Concrete Surface Course, Superpave, IL 9.5, N50 or Superpave Bituminous Concrete Mixture for Bituminous Concrete Surface Course, Superpave, IL 12.5, N50.

**Group II – Bituminous Patching Mixture (Proprietary)**

Serial No. M-120-00: Bituminous Premix for Maintenance Use - Optimix, Sylcrete, UPM, QPR-2000, EZ Street - Proprietary Sources

Serial No. M-133-96: Bituminous Premix for Maintenance Use, Instant Road Repair - Proprietary

Serial No. M-134-02: Bituminous Premix for Maintenance Use, SMP - Proprietary

**Placing of Bituminous Patching Mixture.** All holes and depressions in the existing surface which exceed  $\frac{3}{4}$ " in depth shall be repaired by removal of all loose and defective material and replaced with the specified Bituminous Patching Mixture. The material shall be compacted to produce a tight surface conforming to the adjacent area.

**Method of Measurement.** Bituminous patching mixture will be measured for payment in metric tons (tons).

**Basis of Payment.** This work will be paid for at the contract unit price per metric ton (ton) for BITUMINOUS PATCHING MIXTURE (GROUP I); BITUMINOUS PATCHING MIXTURE (GROUP II);

When bids are taken F.O.B. trucks at the mixing plant a hauling differential of \$0.

\_\_\_\_\_ per ton-mile haul from mixing plant to location designated in the proposal will be used to determine the low bid. Round trip distance shall be used to calculate the hauling differential to be used to compare bids. Bidders are required to fill in the location of the plant from where they propose to supply the patching mixture, on the material proposal form.